

FIG. 1

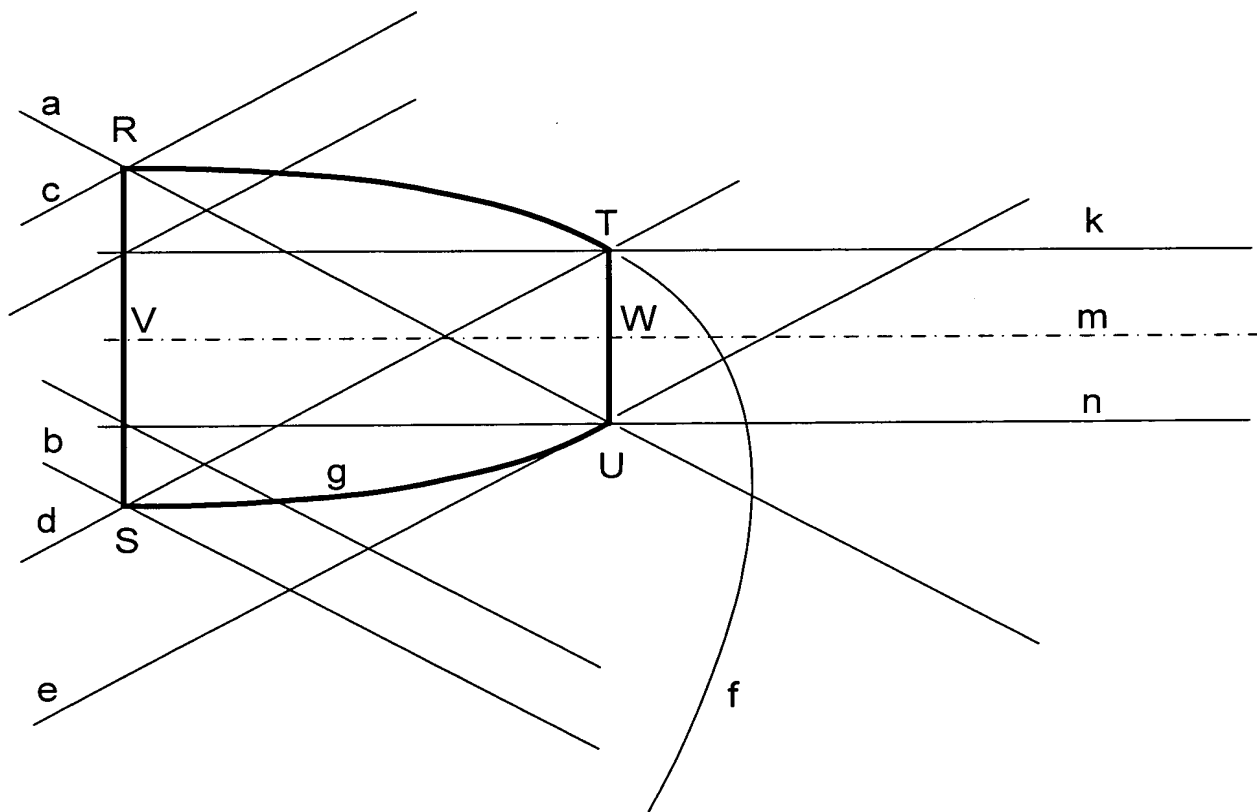


FIG. 1A

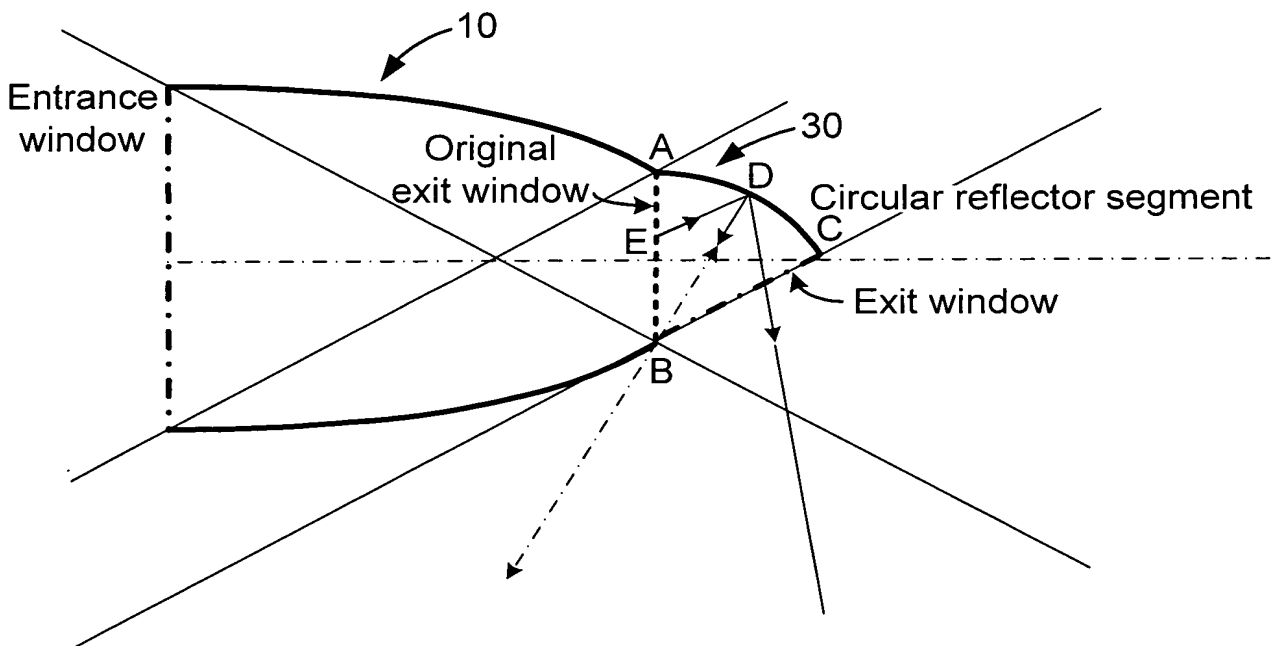


FIG. 1B

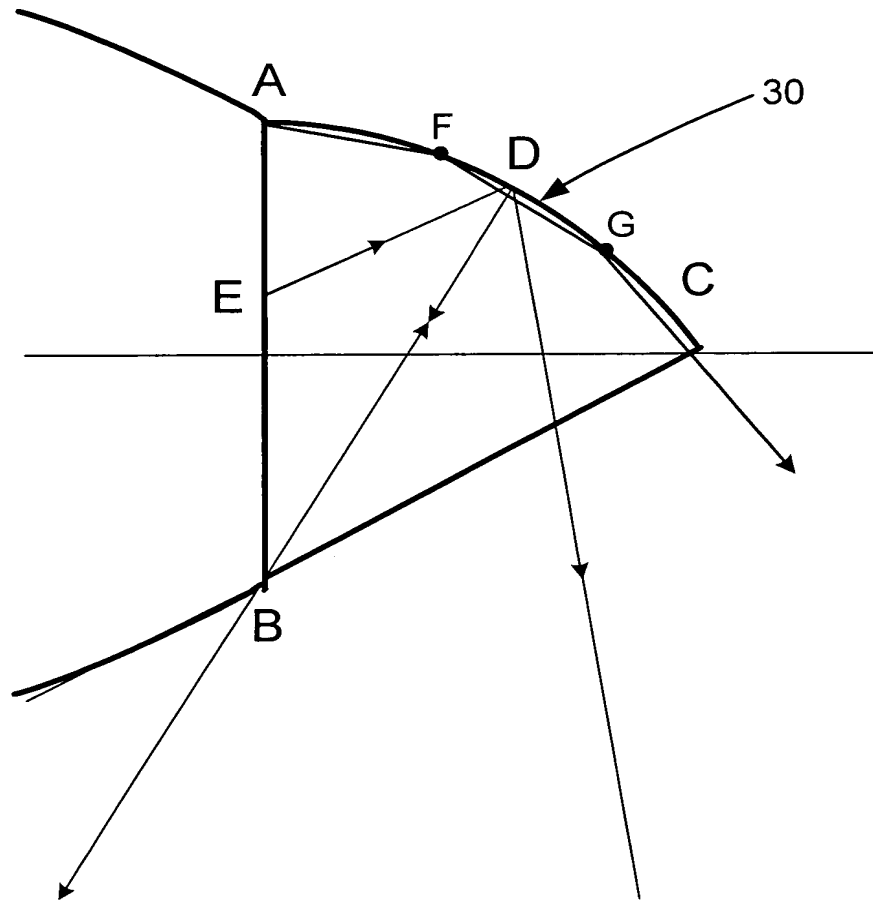


FIG. 1C

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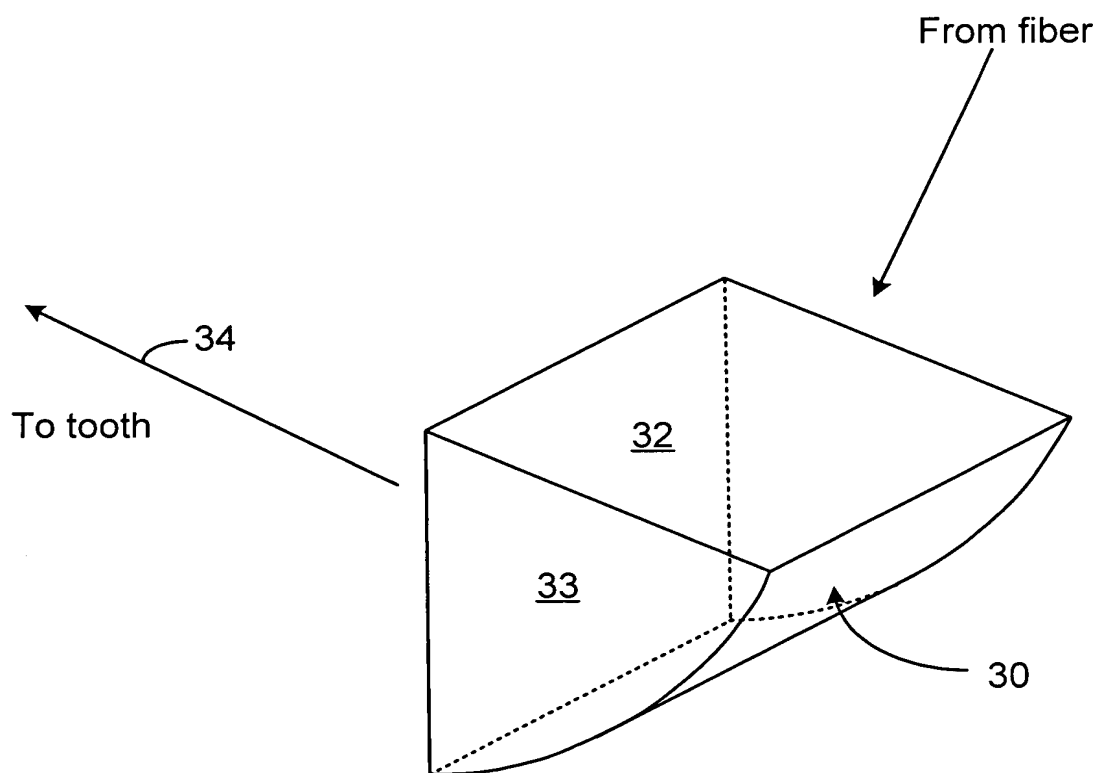


FIG. 1D

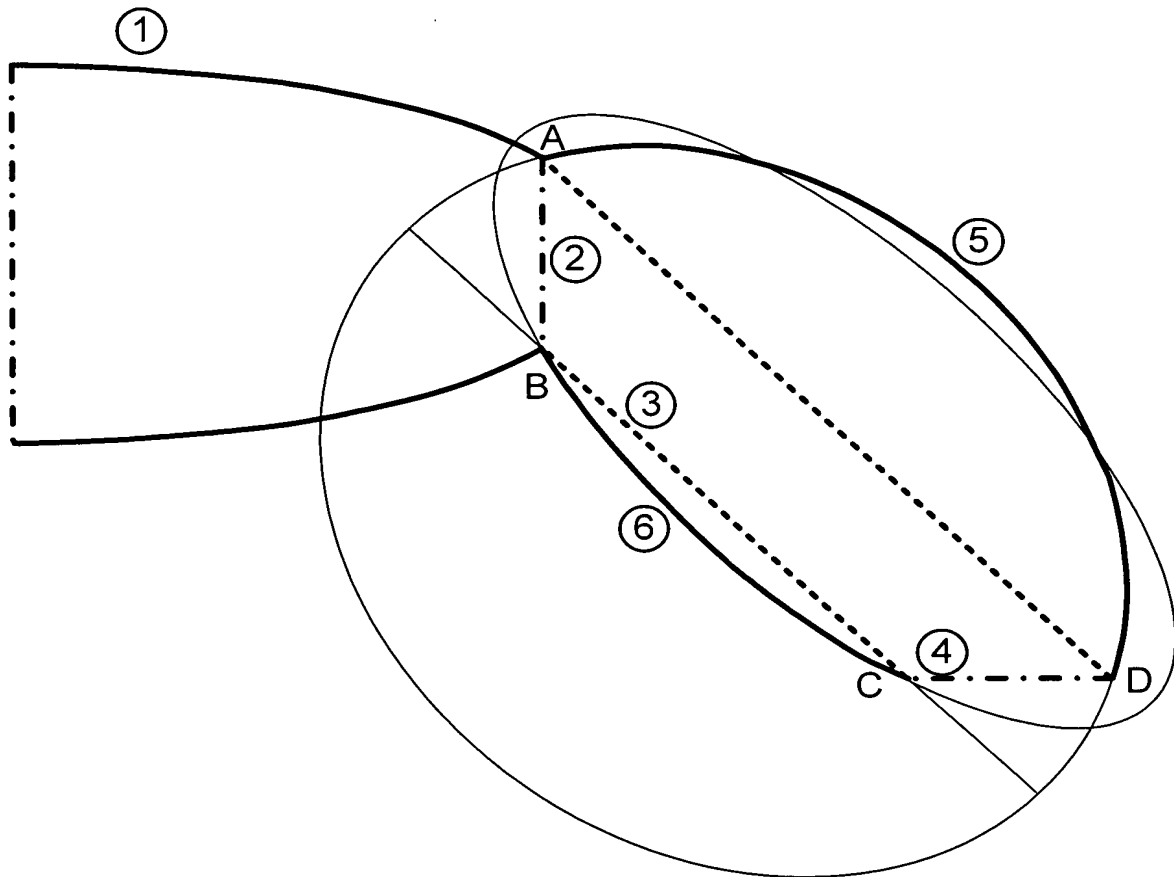


FIG. 1E

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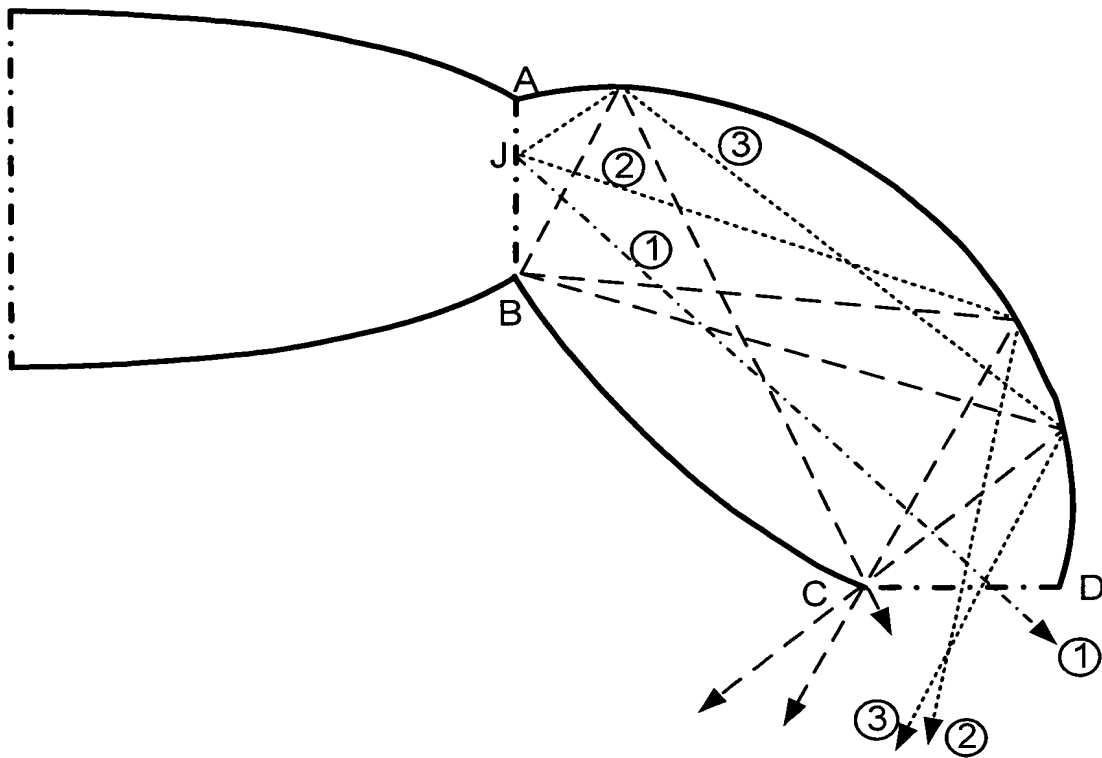


FIG. 1F

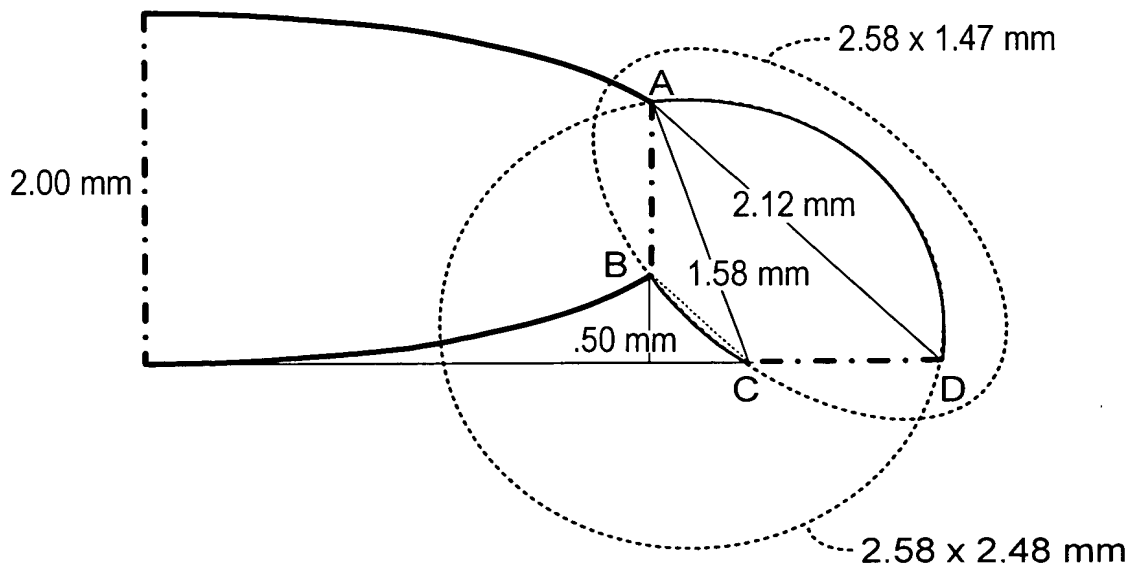


FIG. 1G

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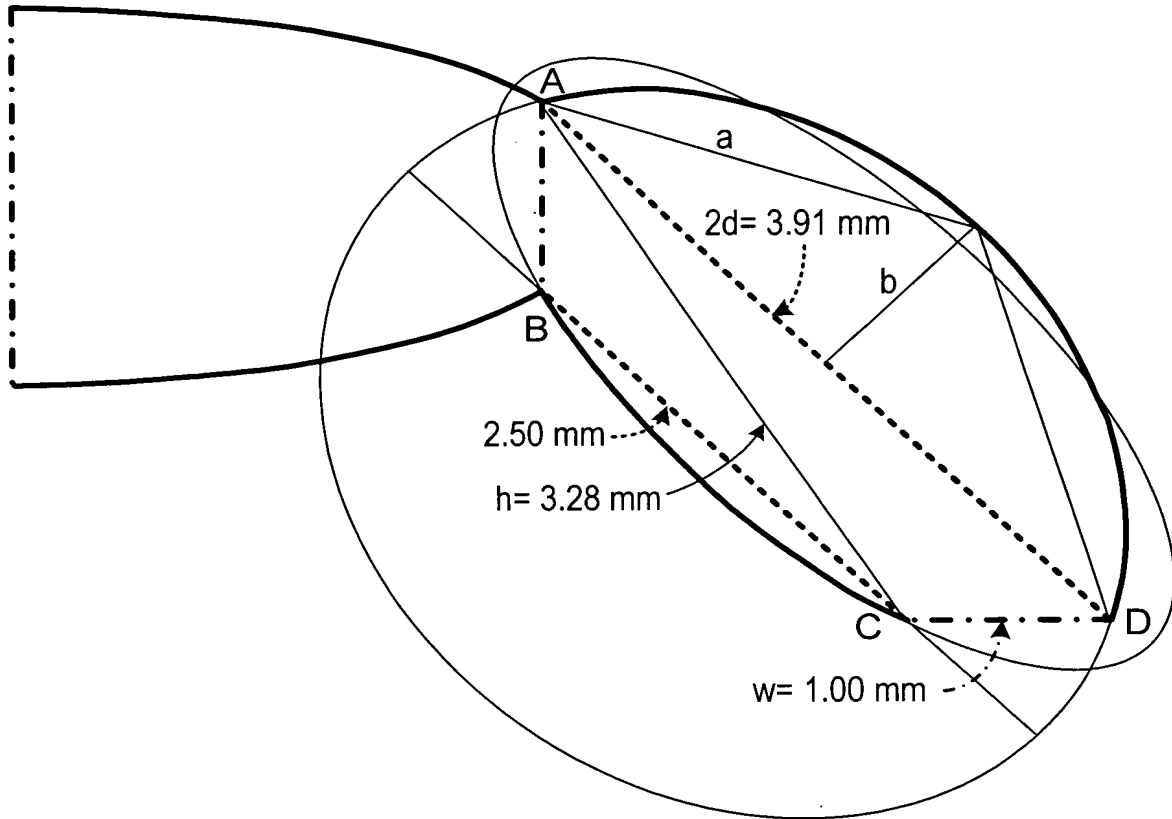


FIG. 1H

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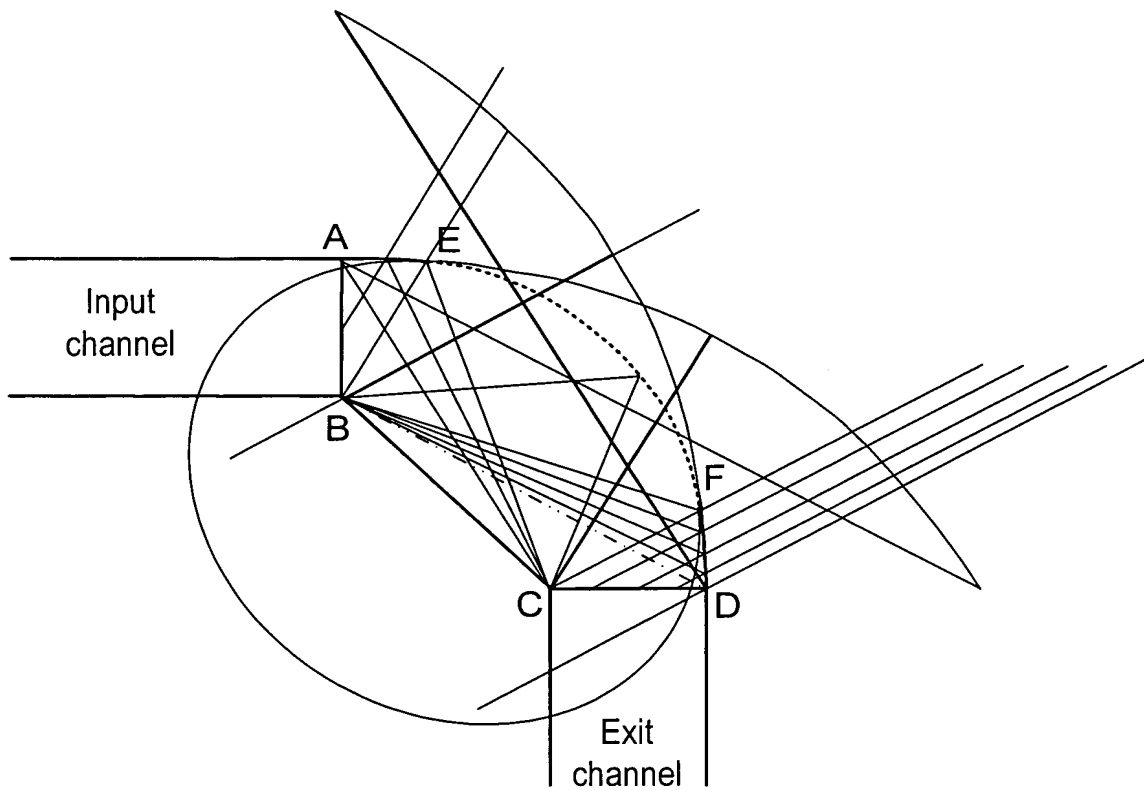


FIG. 11

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FIG. 1JA

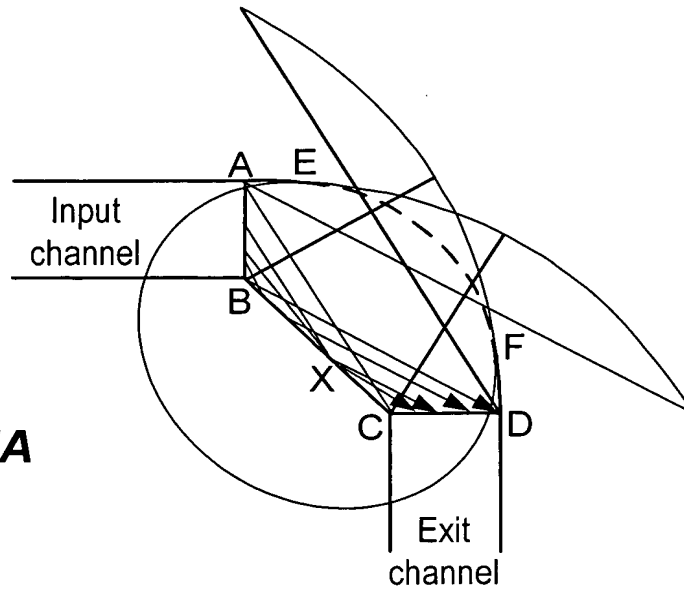


FIG. 1JB

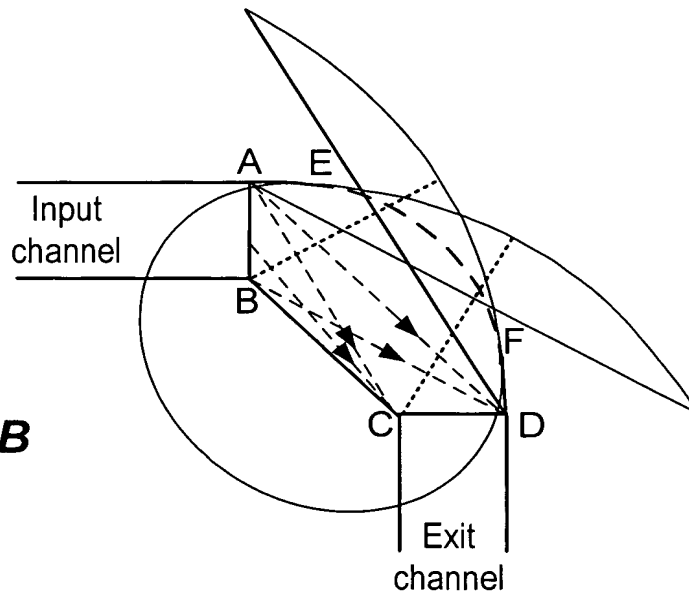
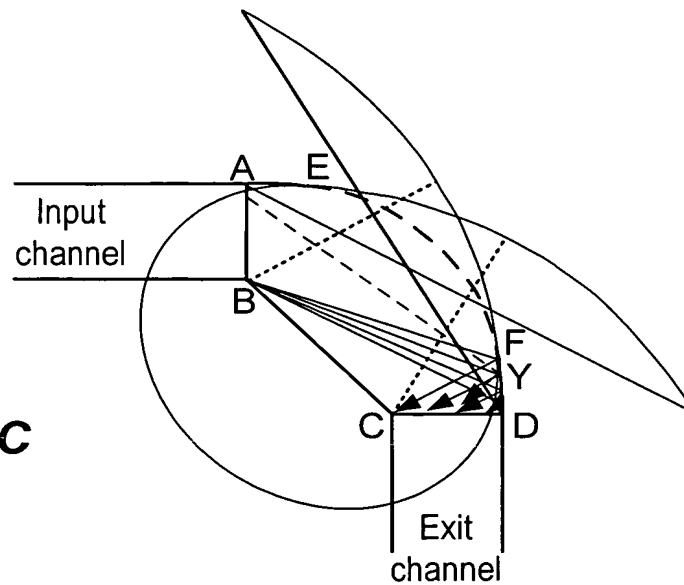


FIG. 1JC



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FIG. 1JD

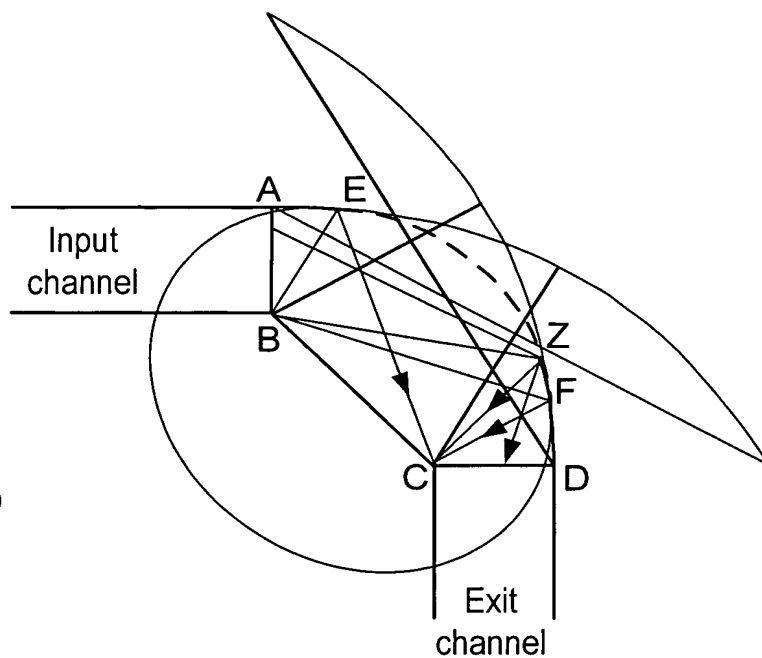
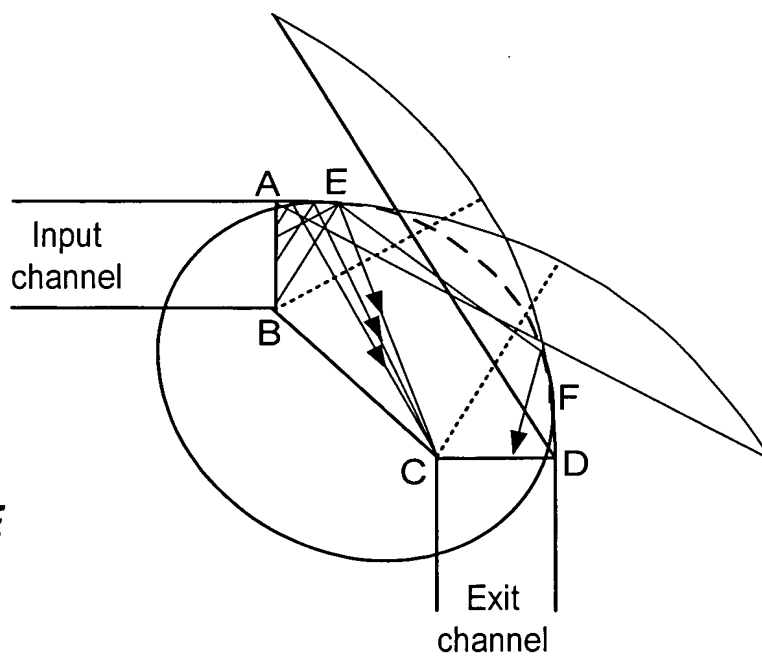


FIG. 1JE



The diagram illustrates a mechanical linkage mechanism with the following parameters and dimensions:

- Dimensions:**
 - $w = 1.00 \text{ mm}$ (width of the horizontal bar at points A and D)
 - $f = 2.05 \text{ mm}$ (distance from point B to point G along the line BG)
 - $s_1 = 1.93 \text{ mm}$ (distance from point B to point C along the line BC)
 - $s_2 = 2.73 \text{ mm}$ (distance from point C to point D along the line CD)
- Angles:**
 - $\theta/2 = 45^\circ$ (angle between the horizontal line through B and the line BG)
 - $\phi = 60^\circ$ (angle between the horizontal line through B and the line BH)
 - α (angle between the horizontal line through B and the line BC)
 - β (angle between the horizontal line through C and the line CD)
 - γ (angle between the horizontal line through D and the line DF)
 - κ (angle between the horizontal line through C and the line CH)
 - Φ (angle between the horizontal line through B and the line BH)
- Points and Lines:**
 - Points A, B, C, D, E, F, G, H, P, Q are labeled.
 - Lines connect A to B, B to C, C to D, D to E, E to F, F to G, G to H, H to Q, Q to P, P to F, F to D, D to C, C to B, B to A.

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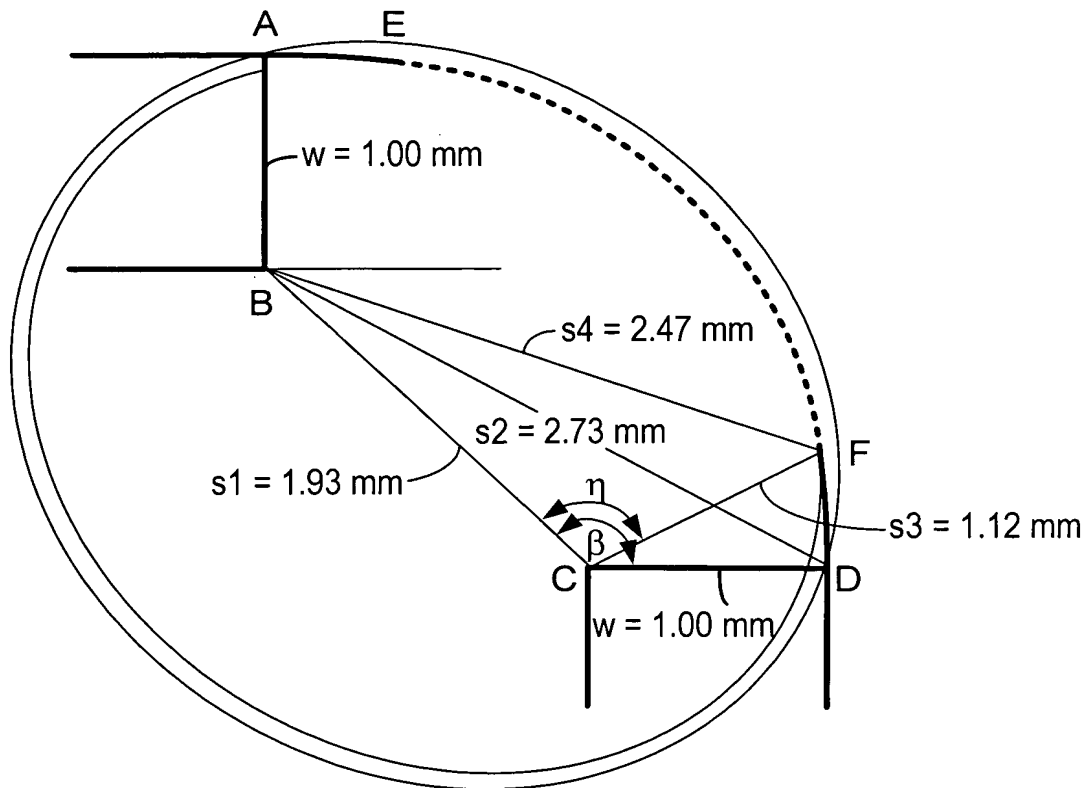


FIG. 2C

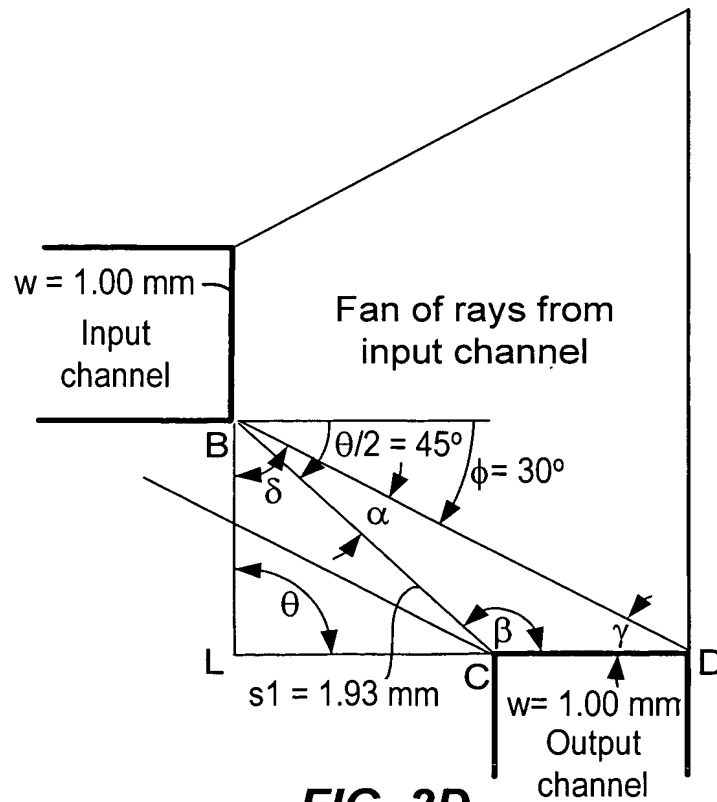


FIG. 2D

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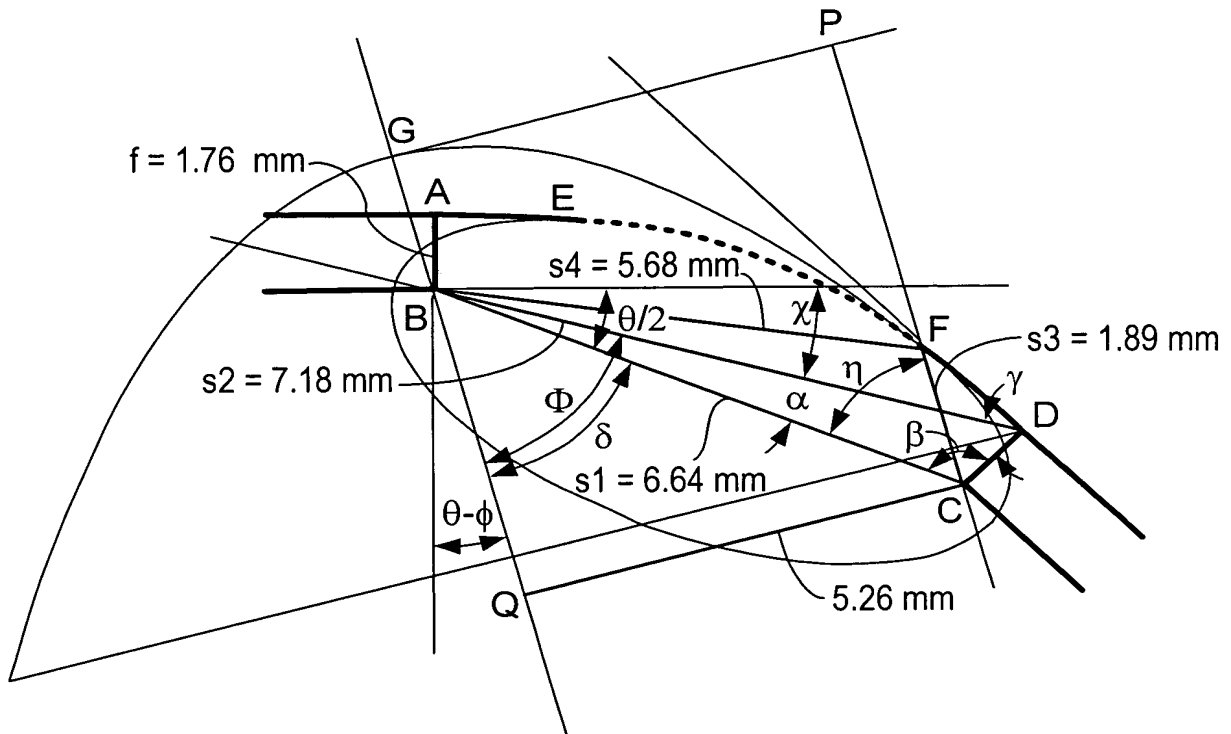


FIG. 3A

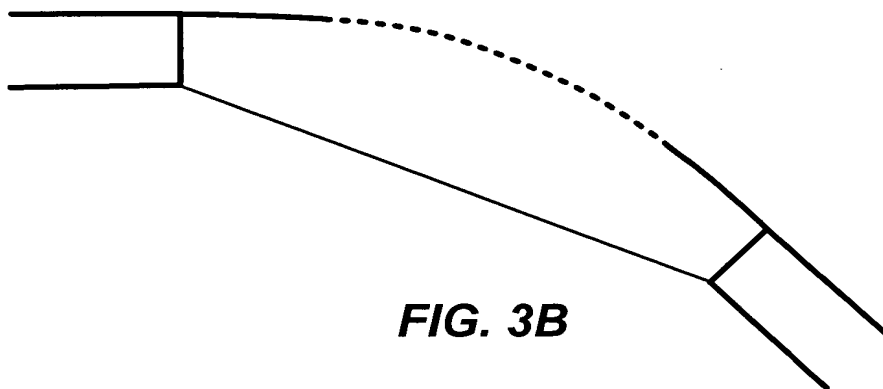


FIG. 3B

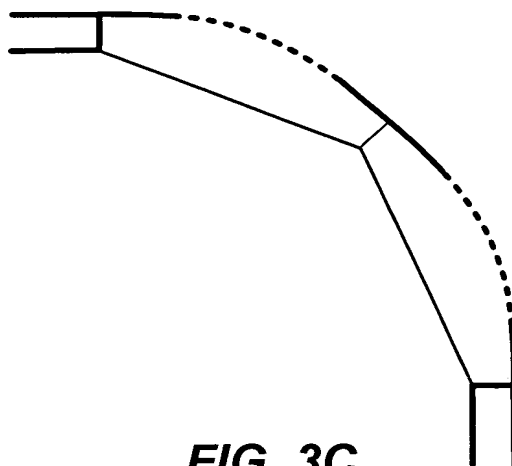


FIG. 3C

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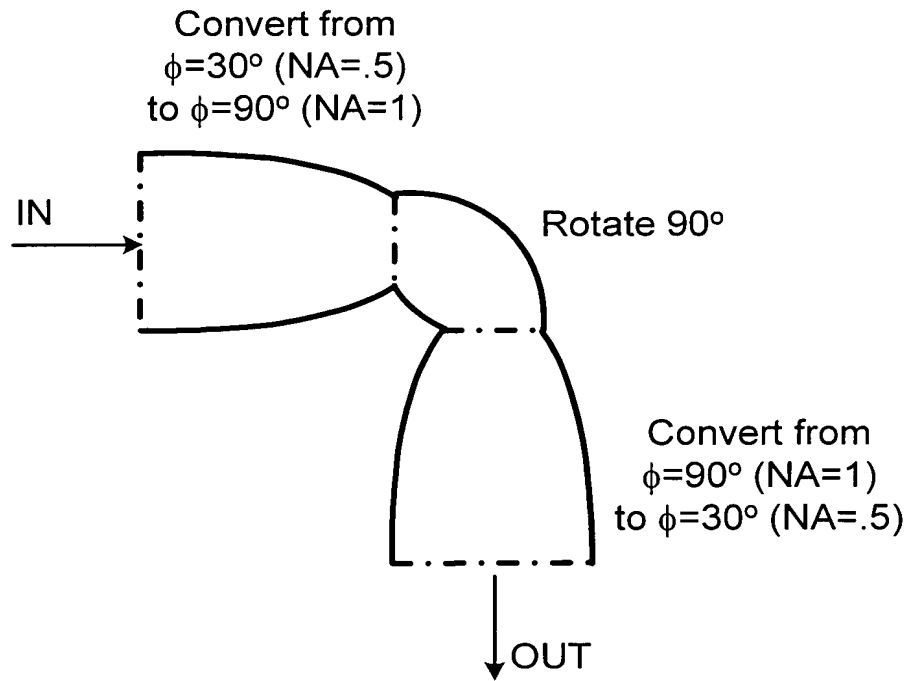


FIG. 4

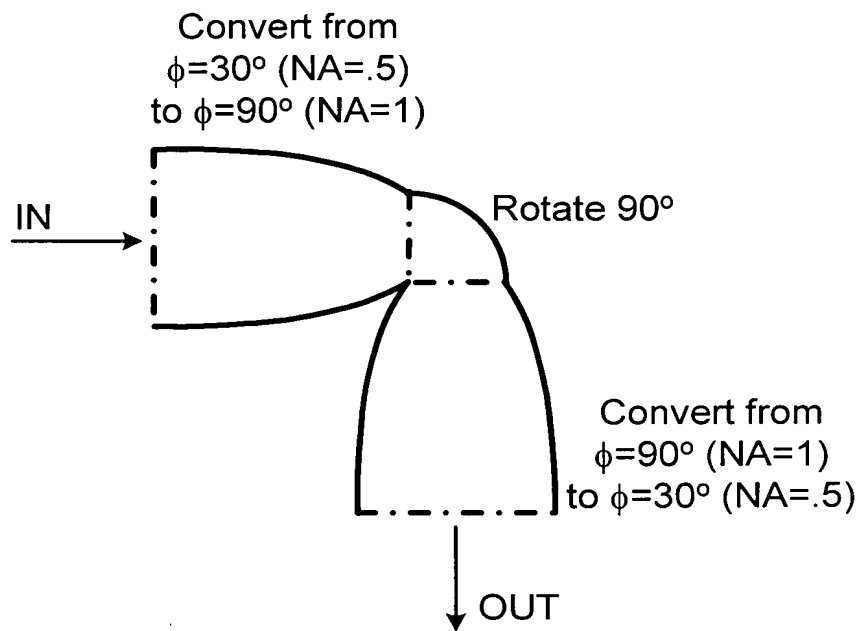


FIG. 4A

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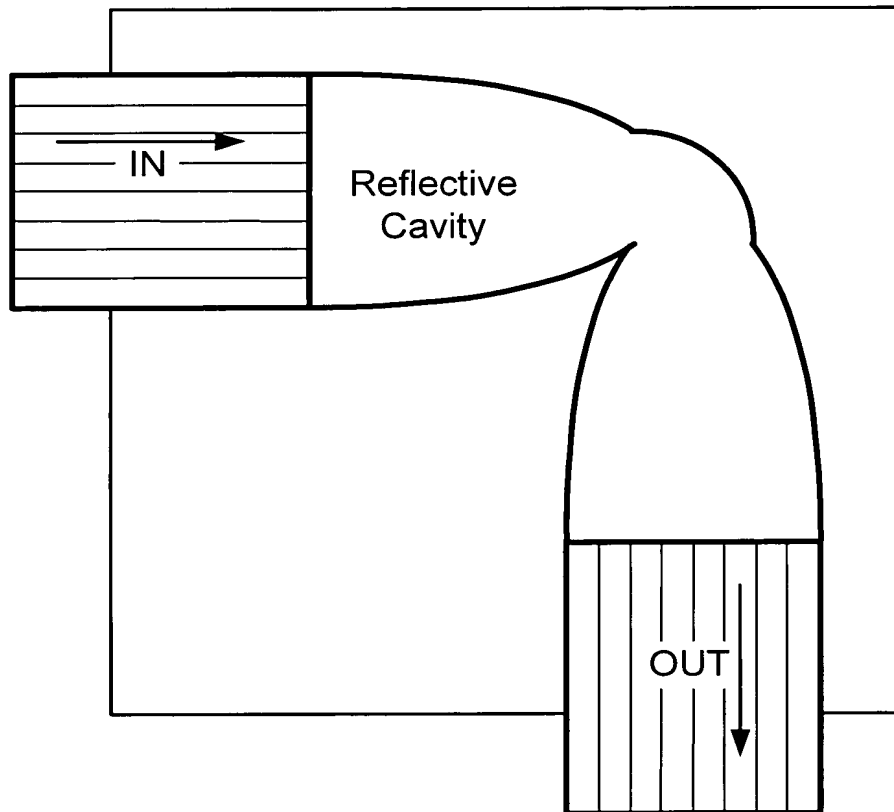


FIG. 4B

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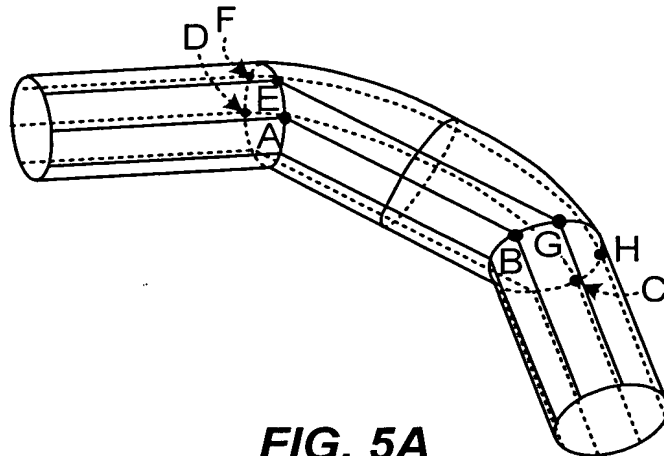


FIG. 5A

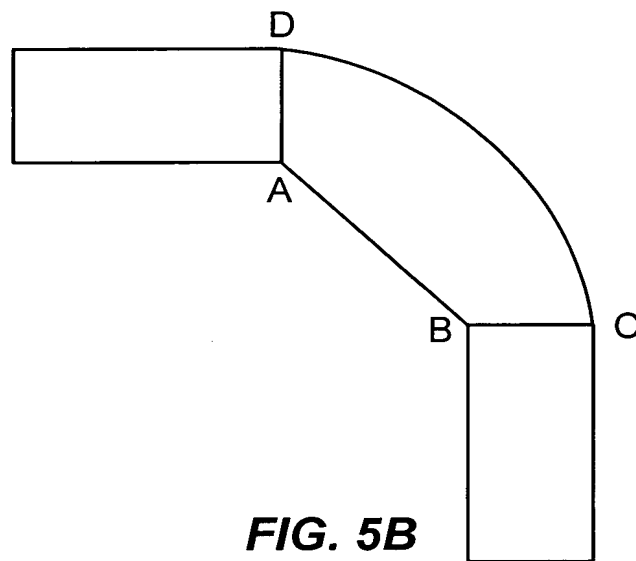


FIG. 5B

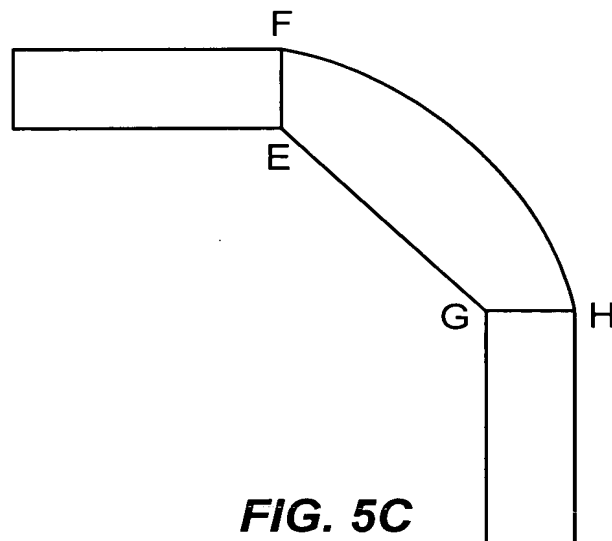
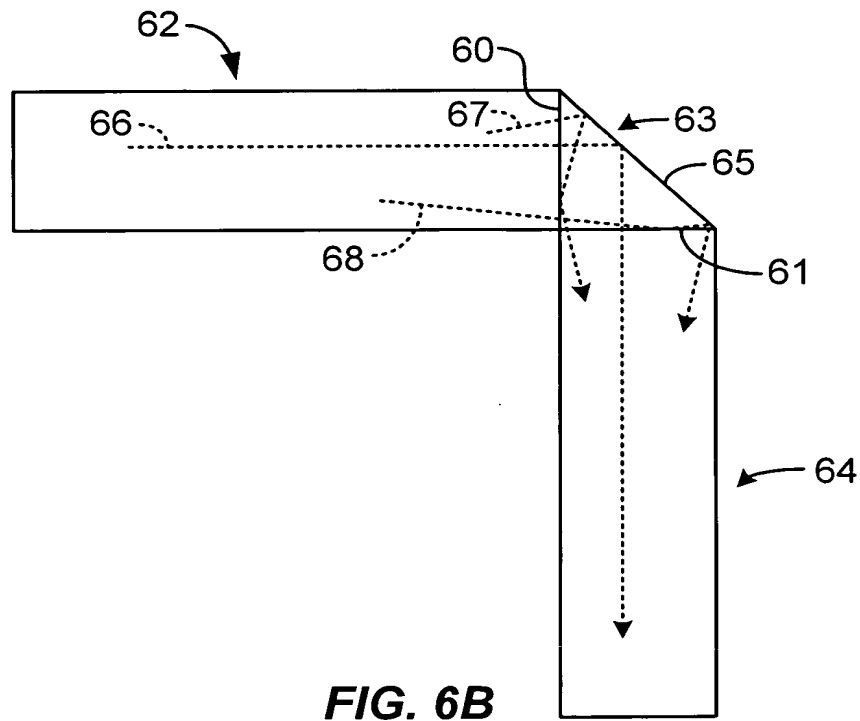
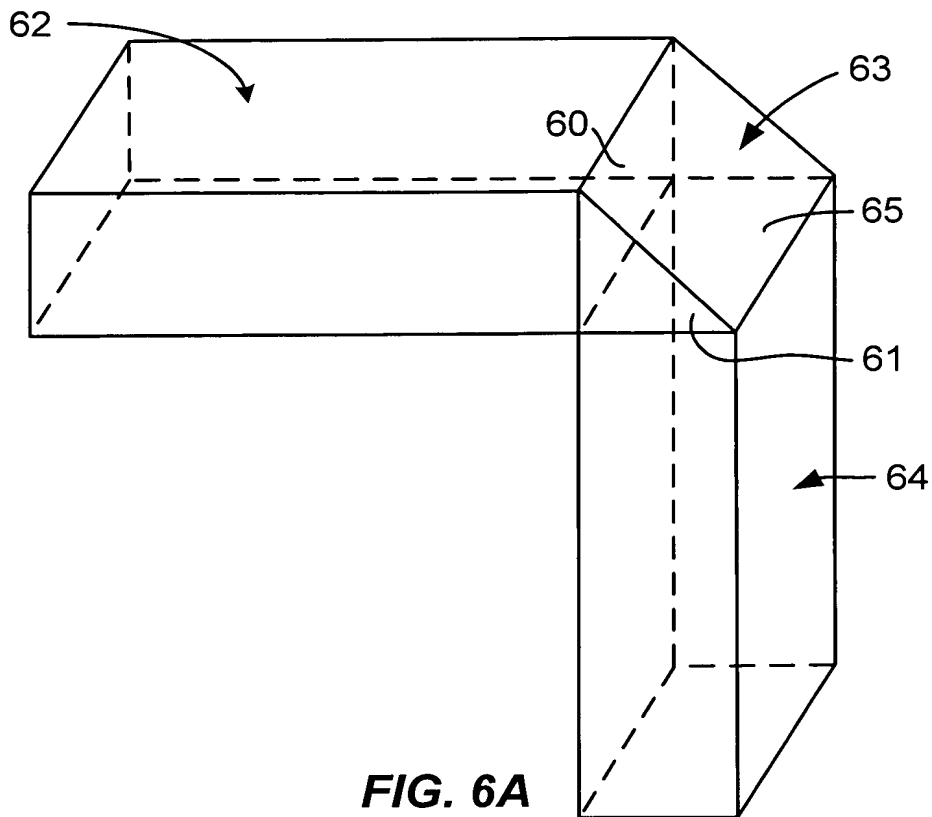


FIG. 5C

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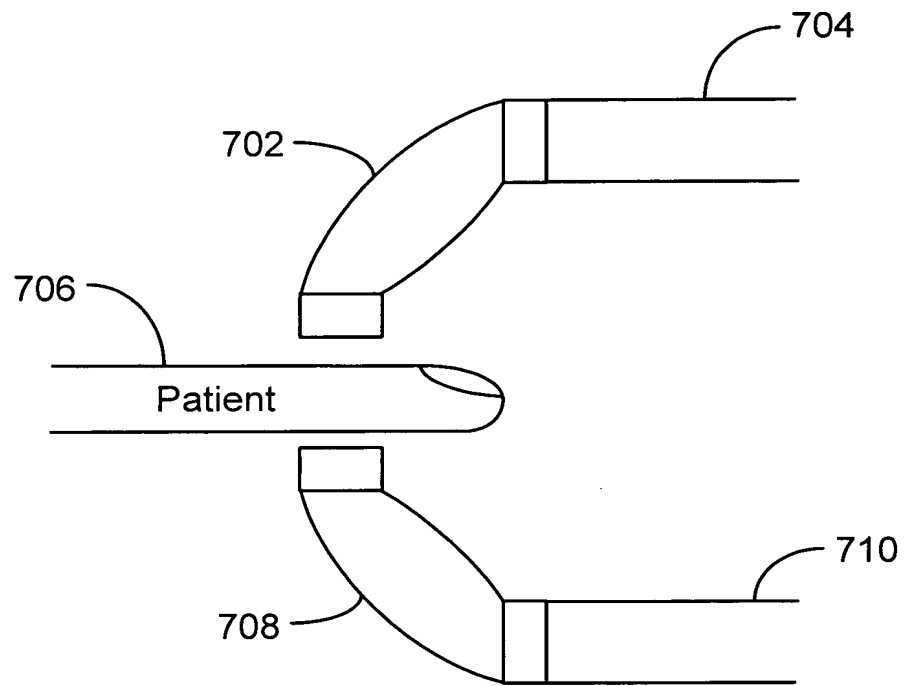


FIG. 7